

# Pressure Sensitive Adhesive



# R6300

○ SUPERIOR

Ideal for  
Double Bond  
Installation

Roberts® R6300 is a high performance pressure sensitive adhesive which may be used to install carpet tiles, commercial carpet cushion, fibreglass reinforced sheet vinyl and luxury vinyl tiles.

This product dries quickly and offers a higher shear strength, making it the adhesive of choice for commercial installations where performance is key.

#### Features:

- Permanent or releasable bond
- High shear strength
- Plasticizer migration resistant

This product is protected by GoldGuard®, an antimicrobial protection system that inhibits the growth of mold, mildew and odour causing bacteria in both wet and dry adhesive.

#### Enviro Friendly:

- Solvent free
- VOC: 13.9 g/L

Roberts R6300 is a solvent free adhesive and meets the strict requirements of the South Coast Air Quality Management District and may contribute one LEED point for “Low-Emitting Materials: Adhesives and Sealants” (IEQ Credit 4.1). This product may also contribute one to two LEED points for MR Credit 5 if product is manufactured within 800 km of the project site. Visit [cagbc.org](http://cagbc.org) for additional details.

#### Uses:

For the interior installation of vinyl-back carpet tile, commercial carpet cushion, fibreglass reinforced sheet vinyl and luxury vinyl tile. Ideal for double bond or direct glue installation method.

#### Substrates:

Concrete, underlayment grade (CANPLY/APA rated) plywood, primed gypcrete (refer to ASTM F2419 terrazzo).

#### Surface Preparation:

Subfloors must be structurally sound, dry, smooth, flat, free of excess moisture/alkali and all substances (oil, wax, grease, paint, oil based sealers, etc.) that might interfere with the performance of the flooring or its installation.

Concrete moisture vapour emission rate must not exceed 5 lbs./1,000 sq. ft./24 hours (ASTM F1869), or up to 80% RH (ASTM F2170). pH must not exceed 9.0.

All substrate cracks, holes, high spots and irregularities must be adequately repaired to prevent show through and accelerated wear. Patching compounds must be suitable for the use application, polymer-modified and applied according to the manufacturer’s instructions. Apply Roberts R-Patch 1445, or R-Level 1416 with R-Level Primer 1417 to achieve a smooth surface. Expansion or other moving joints must not be filled or covered with flooring.

**Wood substrates** – Subflooring, such as APA underlayment rated plywood, hardwood, or other materials, must be flooring grade and installed to the manufacturer’s specifications with adequate ventilation and moisture protection. Ensure wood substrates have a minimum 18 in. (46 cm) crawlspace with adequate ventilation and moisture barrier protection. Cracks, chips and joints must be properly patched or repaired. Refer to ASTM F1482 Standard Practice for Installation and Preparation of Panel Type Underlayments to Receive Resilient Flooring.

Refer to *CRI Carpet Installation Standard* available at [www.carpet-rug.org](http://www.carpet-rug.org).

#### General:

Ensure substrate, flooring material and adhesive are fully acclimated prior to installation at the same temperature and humidity level expected during normal use (18-35°C/65-95°F with a relative humidity (RH) or no greater than 65%). Refer to flooring manufacturer’s specific recommendations and industry standards.

Materials and area temperature must be 18-35°C/65-95°F with a maximum RH of 65% for 48 hours before and during installation as well as for 72 hours afterward. Large temperature or humidity increases or decreases can affect the flooring and performance of the installation.

Ensure adequate ventilation during installation.



FLOORING TYPE	TROWEL SIZE	ITEM #	COVERAGE
Carpet Tile; Luxury Vinyl Tile (porous substrate); Fibreglass Sheet Vinyl	1/16 in. x 1/16 in. x 1/16 in. 	10-810 / 10-823 / 10125	170-190 sq. ft. per gallon (15.8-17.7 m <sup>2</sup> per 3.78L)
Carpet Tile	Medium nap Roller 	N/A	Up to 225 sq. ft. per gallon (20.9 m <sup>2</sup> per 3.78L)
Luxury Vinyl Tile (nonporous substrate)	1/16 in. x 1/32 in. x 1/32 in. 	10-816 / 10-829	25-300 sq. ft. per gallon (23.2-27.9 m <sup>2</sup> per 3.78L)

The trowel notches referenced are those typically recommended for the type of flooring being installed. They are normally the minimum size recommended. Surface conditions (roughness and porosity of substrate), type of flooring and backing will ultimately determine the required trowel notch size and coverage.

Always check with the specific flooring manufacturer’s recommendations for their specific trowel requirements. Ensure 100% transfer of adhesive to the substrate and the flooring backing.

**Physical Characteristics (21°C/70°F, RH 50%):**

- Releasable Installation Tack Time:* Approx. 45 minutes
- Permanent Installation Open Time:* Up to 20 minutes
- Working Time:* Up to 40 minutes
- Product Type:* Acrylic latex
- Storage:* Protect from freezing
- Shelf Life:* 1 year in unopened container

**Application and Installation:**

Spread adhesive uniformly using a trowel or roller. Adhesive ridges should be of sufficient height to achieve full coverage of the substrate and the deepest recesses in the back of the flooring material.

When installing over a porous substrate, place flooring into semi-wet adhesive for a permanent bond, or allow adhesive to dry and become tacky to the touch for a releasable bond. When installing over a nonporous substrate, allow adhesive to dry and become tacky before placing the flooring. The amount of time in which you have to place the flooring will vary with temperature and humidity.

Lift a corner periodically to ensure 100% coverage.

After installation, restrict foot traffic and moving of heavy objects for 24 to 48 hours.

**Clean Up:**

*Fresh adhesive* – warm soapy water.

*Dried adhesive* – use a Roberts Adhesive Cleaner or mineral spirits sparingly with a clean, white cotton cloth.

**DO NOT POUR CLEANER DIRECTLY ONTO FLOORING.**

**Limited Warranty:**

Roberts warrants that this product will be free from manufacturing defects for 12 months from the date of purchase, when applied in accordance with Roberts' instructions and industry standards. Roberts' sole liability is to either supply new product or refund the original purchase price. **This limited warranty excludes all other express warranties including the warranties of merchantability for a particular use or purpose.**

Any implied warranties arising by operation of law are limited to one year. Roberts will not be liable for any incidental or consequential damages. Visit [www.robertsconsolidated.com](http://www.robertsconsolidated.com) for full warranty details.

Refer [www.robertsconsolidated.com](http://www.robertsconsolidated.com), material safety data sheet and industry standards prior to installation for additional information. For installation questions that are not covered in this document please contact our Technical Services Department at 905-791-4444.

**Available Sizes:**

SIZE	PRODUCT #	UPC
15.14 L (4 U.S. Gallons)	R6300RB015	075378630036
3.78 L (1 U.S. Gallon)	R6300RB004	075378630029



Scan this code with your smartphone.

**WARNING:** EXISTING FLOORING AND ADHESIVES MAY CONTAIN ASBESTOS. Unless you have confirmation that the existing flooring system is not asbestos containing, do not sand, dry sweep, dry scrape, abrade, drill, saw, bead blast, mechanically chip or pulverize existing flooring or adhesive without taking all appropriate precautions. Refer to local, state and federal guidelines for treatment and removal of these products. You may also refer to the Resilient Floor Covering Institute's "Recommended Work Practices for Removal of Resilient Floor Coverings."

**EXISTING PAINT MAY CONTAIN LEAD.** Unless you have confirmation that the existing paint is not lead containing, do not sand, dry sweep, dry scrape, abrade, drill, saw, bead blast, mechanically chip or pulverize existing paint without taking all appropriate precautions. Refer to federal, provincial and territorial guidelines for treatment and removal of lead containing paint. For more information, refer to Canada Health at [www.hc-sc.gc.ca](http://www.hc-sc.gc.ca).